

Jurisdictional Screening Level (JSL) List

A Screening Tool for Ontario Regulation 419: Air Pollution – Local Air Quality

(Sorted by CAS Number)

Prepared by:

Standards Development Branch

February 2008

**PIBS #: 6547e
Version 1**

Jurisdictional Screening Level (JSL) List

Introduction

The Jurisdictional Screening Level (JSL) list was developed by the Ministry of the Environment (MOE) to provide an additional screening tool for Ontario Regulation 419: Air Pollution – Local Air Quality (O. Reg 419). This list is intended to be used by any member of the regulated community who is required to develop an Emission Summary Dispersion Modelling (ESDM) report which must include an assessment of all contaminants emitted including contaminants with no MOE standards or guidelines. These requirements may arise in the context of obtaining an s.9 Certificate of Approval (CofA) (s.22) or in the context of other various requirements of O. Reg 419. Examples include site-wide ESDMs (with annual updates) for facilities listed in Schedule 4 and 5 (s.23) or notices given by the Director indicating that an ESDM report must be done because there are reasonable grounds to believe that an exceedence or adverse effect may be occurring, or an ESDM has not been completed in accordance with s.26. (s.24).

This list was created in response to stakeholder requests to further streamline and expedite the process of assessing contaminants with no MOE standards or guidelines. **It should be noted that the JSL values are neither air standards nor guidelines and should not be used as such. These values have not been derived using the MOE standards setting process. They are provided as screening levels only.**

The various sections below provide background on the JSL, how the list was developed, and describes how to use the JSL list, followed by the list itself.

Background

Facilities emitting air contaminants are accountable for any potential adverse impact that may be caused by a contaminant they have discharged into the environment. O. Reg 419 is the primary tool used to assess potential local adverse impacts of contaminants discharged into the ambient air. Under this regulation, an Emission Summary and Dispersion Modelling (ESDM) report is prepared (if required) which identifies all contaminants discharged into the air from the facility and their maximum Point of Impingement (POI) concentrations.

To assess for potential impacts, contaminant concentrations are compared to the “*Summary of Standards and Guidelines to support Ontario Regulation 419: Air Pollution – Local Air Quality*”¹ document, which contains standards or guidelines for approximately 350 contaminants. However, it is not uncommon to identify contaminants in the ESDM report that do not have MOE standards or guidelines. The fact that a

¹ Summary of Standards and Guidelines to support Ontario Regulation 419: Air Pollution – Local Air Quality (2008 version), available at <http://www.ene.gov.on.ca/en/air/ministry/index.php>

contaminant does not have a standard or a guideline does not mean it cannot cause an adverse effect.

Where no MOE standard or guideline is available for a contaminant, it must be determined if an adverse effect may potentially occur at the modeled POI concentration. The *de minimus* screening tool is available which enables the regulated community to screen out contaminants that are emitted in negligible amounts. Rules for this screening tool are outlined in Appendix B of the “*Procedure for Preparing an Emission Summary and Dispersion Modelling Report*”². When the modelled POI concentration for a contaminant is below the screening level identified, the potential adverse effect from the contaminant does not have to be assessed further.

In the event that the contaminant concentration exceeds its *de minimus* screening level, several options are available to determine the potential adverse effects. These include:

- (1) Acceptability of a Maximum Ground Level Concentration (MGLC) – currently used in the Certificate of Approval (CofA) and Selected Targets for Air Compliance (STAC) review processes;
- (2) Maximum Concentration Level (MCL) Assessment – currently used by the regulated community who have a Basic Comprehensive CofA; and
- (3) Approvals Reference Level (ARL) Assessment – currently available to the regulated community that have Enhanced Comprehensive CofAs as part of the MOE Leaders Program.

Further direction on how to consider contaminants with no MOE standards or guidelines using option 1 is included in the *Guide to Applying for Approval (Air and Noise)*³, and for option 2 is included in Appendix B to the *User Guide for Basic Comprehensive Certificates of Approval (Air)*. Further information on option 3 is included in the document titled *A Framework for Ontario’s Environmental Leaders Program*⁴. These documents may be found on the MOE’s website and will be of particular interest to those preparing an application for the CofA or an amendment to an existing CofA pursuant to section 9 of the Environmental Protection Act (EPA).

The purpose of this document is to provide this JSL list as an additional tool that may be used in the development of an ESDM report under O. Reg 419. The JSL list will permit contaminants that would otherwise require an assessment for potential adverse impacts to be compared to a concentration identified in the JSL list. Contaminant POI concentrations which are below their respective JSL values do not require a MGLC,

² Procedure for Preparing an Emission Summary and Dispersion Modelling Report (2008 version), available at <http://www.ene.gov.on.ca/en/air/ministry/index.php>

³ Guide to Applying for Approval (Air and Noise) & User Guide for Basic Comprehensive Certificates of Approval (Air), available at <http://www.ene.gov.on.ca/en/publications/forms/index.php#PartAir>

⁴ A Framework for Ontario’s Environmental Leaders Program, available at <http://www.ene.gov.on.ca/programs/4892e.pdf>

MCL or ARL assessment, however, they must be documented in the Emission Summary Table of the ESDM report, as per the requirements of s.26 of O. Reg. 419. Further information on how the JSL is to be used in the assessment of the ESDM report can be found in the “*Procedure for Preparing an Emission Summary and Dispersion Modelling Report*”.

Where the concentration is above the value on this JSL list, the contaminant must be further assessed for potential adverse health effects through the MGLC or MCL processes outlined unless otherwise specified by the MOE.

How the Jurisdictional Screening Level List was created

As a first step, the MOE used an external source to prepare a list of ambient air “Median Jurisdictional Limits (MJLs)”, which was reviewed by the MOE.

Screening levels/limits (excluding other agency “*de minimis*” values) from 10 agencies were collected and summarized. These agencies included Health Canada, the United States Environmental Protection Agency (US EPA), the World Health Organization (WHO), and the jurisdictional agencies from California, Massachusetts, Michigan, Minnesota, New York, North Carolina, and Texas. Contaminants with MOE standards or guidelines⁵, and contaminants on the ‘List of 70 High Priority chemicals’ in Table 1 of the 1999 Standards Plan⁶ were excluded from the list. In addition, ozone depleting chemicals found in O. Reg 717/94, specified petroleum hydrocarbons fitting the MOE’s definition of a Mineral Spirit⁷, and a subset of polycyclic aromatic hydrocarbons identified by California and the WHO to be of concern were also excluded.

To be in line with current MOE practices the following adjustments were performed. Some agencies have given chronic non-cancerous limits an annual averaging time, whereas the MOE would, in practice, assign a 24-hour averaging time. Agency limits with an annual averaging time for chronic non-carcinogenic contaminants were treated as a 24 hour average limit. For carcinogenic contaminants an annual averaging period was assumed and the value was converted into a one in a million cancer (10^{-6}) risk specific concentration if this was not already the case.

Following the above adjustments, all jurisdictional levels were converted to a 24-hour averaging time using the standard conversion factors used in the air standard setting process. This conversion permitted the comparison of one jurisdictional level to another. From this converted list, the median jurisdictional limit (MJL) was then selected for each contaminant.

⁵ Summary of O. Reg. 419/05 Standards and Point of Impingement Guidelines & Ambient Air Quality Criteria (AAQCs), (2005 version)

⁶ MOE’s 1999 Standards Plan can be found at http://www.ene.gov.on.ca/envision/env_reg/er/documents/2000/pa9e0004.htm

⁷ Ontario Air Standards for Mineral Spirits available at http://www.ene.gov.on.ca/envision/env_reg/er/documents/2001/airstandards/PA00E0016.PDF

In the event that an odd number of jurisdictional limits were available, and there were equal to or greater than 3 jurisdictional limits, the median of those values was selected as the MJL. In all other cases where a median could not be obtained the following rules were applied. In the event that an even number of jurisdictional limits were available for selection, the limit chosen as the MJL was the value that was numerically lower than, and closest to, the calculated mathematical mean of all the jurisdiction limits for that contaminant. In the event that only 2 jurisdictional limits were available, then the lower jurisdictional limit was selected as the MJL. Finally, where only 1 jurisdictional limit was available, the value was automatically selected as the MJL.

Following the delivery of the selected limits, the MOE conducted a further quality assurance/quality control assessment of the contaminants and the corresponding limits. The MOE reviewed how the contaminant had previously been assessed by MOE as part of the MGLC/MCL process to ensure that there were no inconsistencies with this program. The MOE also reviewed how the limits compared to the current MOE *de minimus* screening tool and how the selected limits compared to occupational values. In certain circumstances the MOE reviewed readily available toxicological information for the contaminant to identify any concerns on potential adverse effects at the limit. Depending on the result of the total review, MOE either retained the limit selected, adjusted it to a lower value, or removed it from the final JSL list.

During this process, contaminants banned for use in Canada and contaminants known (or designated) to not be produced or used commercially in Canada were removed from the final JSL list as either a screening level was not required for these compounds or some contaminants in this category were generally by-products of chemical processes and considered very toxic. Hazardous drugs and antineoplastic agent were removed from the final JSL list as these contaminants are generally produced according to strict codes of practice and not expected to be released into the air. In addition, these contaminants are generally toxic at very low concentrations. Some pesticides (i.e. herbicides, fungicides, insecticides) with no occupational values were also removed from the list as these substances are generally toxic at very low concentrations. For the contaminants removed it was decided that these would best be handled by another process, such as the MGLC or MCL process.

How to use the Jurisdictional Screening Level (JSL) List?

The attached Jurisdictional Screening Level (JSL) List is a list of contaminants, sorted by Chemical Abstracts Service (CAS) Registry numbers, which have associated concentrations given in ½-hour and 24-hour averaging times to allow comparisons with results from various approved air dispersion models. This JSL list can provide screening levels for contaminants identified in the ESDM report for which there is no MOE standard or guideline.

Thus, it is intended that this list is used to identify contaminants in the ESDM report which do not require a MOE review, since the modelled maximum POI concentration for the compound is below the JSL value identified on the list. Contaminants not on the JSL

list would continue to be assessed by the existing MGLC or MCL process, or a process otherwise specified by the MOE.

To ensure appropriate use of the JSL list the following guidance should be adhered to:

- A valid CAS number should be identified specific to the contaminant of interest. All contaminants being reviewed should be cross-referenced against the table forming part of this document using the CAS number;
- JSL values cannot be compared to compounds or mixtures with no CAS numbers;
- JSL values for a specified contaminant are not to be applied to compounds with similar names, nor to groups of chemicals or compounds with the same chemical formula; and
- JSL values cannot be compared to any compound not identified on the list.

Contaminant POI concentrations which are below their respective JSL values do not require a MGLC, MCL or ARL assessment, however, they must be documented in the Emission Summary Table of their ESDM report, as per the requirements of s.26 of O. Reg. 419.

Where the JSL list cannot be used due to the reasons stated above, or because the maximum POI concentration from the ESDM report exceeds the JSL value identified for it, the contaminant must be further assessed for potential adverse health effects through the MGLC or MCL processes unless otherwise specified by the MOE.

Again, the MOE would like to stress that the JSL values are not air standards or guidelines and should not be used as such. These values have not been derived using the MOE standards setting process. They are provided as screening levels only.

The JSL values are subject to MOE revision from time to time (at any time that MOE considers the level to not be sufficiently protective due to additional information). It should be confirmed that the most recent version of the JSL list is being used. The date of the revision will be displayed on the front of the report, and should be compared to the website JSL list version to ensure the newest version is being used.

The JSL list is strictly a tool to be used in conjunction with other guidance material for O. Reg 419. **These values are not to be used for human health risk assessments conducted for Environmental Assessments, or conducted for contaminated sites.**

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1	Lactic acid	50-21-5	21	7
2	Acetylsalicylic acid	50-78-2	60	20
3	Urethane	51-79-6	0.051*	0.017*
4	Tris(1-aziridinyl) phosphine sulfide	52-24-4	0.06*	0.02*
5	Trichlorophon	52-68-6	7.2	2.4
6	Nicotine	54-11-5	3.6	1.2
7	Fenthion	55-38-9	0.6	0.2
8	3,3-Iminobispropylamine	56-18-8	7.2	2.4
9	Parathion	56-38-2	0.36	0.12
10	Glycerol	56-81-5	210	70
11	Palmitic acid	57-10-3	150	50
12	Stearic acid	57-11-4	210	70
13	Urea	57-13-6	120	40
14	1,1-Dimethyl hydrazine	57-14-7	0.18*	0.06*
15	Strychnine	57-24-9	1.08	0.36
16	Sucrose	57-50-1	60	20

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
17	beta-Propiolactone	57-57-8	10.8	3.6
18	Phenyl ethyl alcohol	60-12-8	60	20
19	Methyl hydrazine	60-34-4	0.15*	0.05*
20	Amitrole	61-82-5	2.4	0.8
21	Aniline	62-53-3	3	1
22	Dichlorvos	62-73-7	1.2	0.4
23	Sodium fluoroacetate	62-74-8	0.36	0.12
24	Carbaryl	63-25-2	36	12
25	Lactose	63-42-3	120	40
26	Diethyl sulfate	64-67-5	0.36	0.12
27	Hexanaldehyde	66-25-1	6	2
28	Hexachloroethane	67-72-1	3.75	1.25
29	Dimethylformamide	68-12-2	240	80
30	Amyl alcohol	71-41-0	360	120
31	Tetraethyl ammonium bromide	71-91-0	12	4
32	Ethane	74-84-0	14,400	4,800

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
33	Methyl iodide	74-88-4	87	29
34	Methylene bromide	74-95-3	158.4	52.8
35	Ethyl bromide	74-96-4	156	52
36	Bromochloromethane	74-97-5	12,720	4,240
37	Propane	74-98-6	21,600	7,200
38	Methyl acetylene	74-99-7	19,680	6,560
39	Vinyl fluoride	75-02-5	13.5	4.5
40	Ethylamine	75-04-7	108	36
41	Difluoromethane	75-10-5	12,720	4,240
42	Formamide	75-12-7	129	43
43	Isobutane	75-28-5	1,854	618
44	2-Chloropropane	75-29-6	300	100
45	Isopropylamine	75-31-0	144	48
46	Acetyl chloride	75-36-5	4.8	1.6
47	1,1-Difluoroethane	75-37-6	32,412	10,804
48	Vinylidene fluoride	75-38-7	90	30

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
49	Trifluoromethane	75-46-7	17,160	5,720
50	Iodoform	75-47-8	7.2	2.4
51	Nitromethane	75-52-5	360	120
52	Methyldichlorosilane	75-54-7	9.6	3.2
53	Propyleneimine	75-55-8	33	11
54	Tetramethylammonium hydroxide	75-59-2	12	4
55	Difluordibromomethane	75-61-6	6,000	2,000
56	Carbon tetrafluoride	75-73-0	21,600	7,200
57	Methane sulfonic acid	75-75-2	60	20
58	Tetramethylsilane	75-76-3	21	7
59	Trimethylchlorosilane	75-77-4	18	6
60	Dimethyldichlorosilane	75-78-5	18.6	6.2
61	Methyltrichlorosilane	75-79-6	16.8	5.6
62	2,2-Dimethylbutane	75-83-2	4,200	1,400
63	Acetone cyanohydrin	75-86-5	48	16
64	t-Butyl hydroperoxide	75-91-2	42	14

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
65	Trimethyl acetic acid	75-98-9	300	100
66	Pentachloroethane	76-01-7	480	160
67	Trichloroacetyl chloride	76-02-8	12	4
68	Trichloroacetic acid	76-03-9	48	16
69	Chloropicrin	76-06-2	1.2	0.4
70	Hexafluoroethane	76-16-4	33,900	11,300
71	Camphor	76-22-2	24	8
72	Methoxyflurane	76-38-0	156	52
73	Triphenyl methyl chloride	76-83-5	51	17
74	Dicyclopentadiene	77-73-6	36	12
75	Ethyltriethoxysilane	78-07-9	132	44
76	Ethyl silicate	78-10-4	1,020	340
77	Pentaerythritol tetranitrate	78-11-5	60	20
78	Triorthocresyl phosphate	78-30-8	0.72	0.24
79	Triparacresyl phosphate	78-32-0	1.2	0.4
80	Dioxathion	78-34-2	0.72	0.24

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
81	Triethyl phosphate	78-40-0	60	20
82	Isophorone	78-59-1	276	92
83	2-Methyl butane	78-78-4	21,240	7,080
84	Isobutylamine	78-81-9	180	60
85	Isobutyronitrile	78-82-0	264	88
86	Isobutyraldehyde	78-84-2	168	56
87	Methacrolein	78-85-3	4.8	1.6
88	2-Chlorobutane	78-86-4	5,280	1,760
89	2-Chloro-1-propanol	78-89-7	28.5	9.5
90	Propylene diamine	78-90-0	48	16
91	Butyl alcohol, sec-	78-92-2	1,488	496
92	Methyl vinyl ketone	78-94-4	0.72	0.24
93	Chloroacetone	78-95-5	45.6	15.2
94	Isopropanolamine	78-96-6	24	8
95	1,1,2-Trichloroethane	79-00-5	0.93	0.31
96	Chloroacetylchloride	79-04-9	1.65	0.55

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
97	Acrylic acid	79-10-7	3	1
98	Chloroacetic acid	79-11-8	14.4	4.8
99	Glycolic acid	79-14-1	12	4
100	Methyl acetate	79-20-9	7,200	2,400
101	Peracetic acid	79-21-0	9.9	3.3
102	Methyl chlorocarbonate	79-22-1	2.4	0.8
103	Nitroethane	79-24-3	2,190	730
104	Acetylene tetrabromide	79-27-6	16.8	5.6
105	2,3-Dimethylbutane	79-29-8	7,800	2,600
106	Isobutyric acid	79-31-2	2.7	0.9
107	Chlorotrifluoroethylene	79-38-9	120	40
108	Methacrylamide	79-39-0	12	4
109	Dimethylcarbamoyl chloride	79-44-7	0.27*	0.09*
110	2-Nitropropane	79-46-9	60	20
111	Camphene	79-92-5	60	20
112	Cumene hydroperoxide	80-15-9	30	10

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
113	Amyl phenol, p-t-	80-46-6	42	14
114	p,p -Oxybis(benzenesulfonyl hydrazide)	80-51-3	0.72	0.24
115	Menthane-1,8-diamine, p-	80-52-4	24	8
116	Pinene, alpha	80-56-8	810	270
117	1,2-Benzisothiazolin-3-one, 1,1-dioxide-	81-07-2	60	20
118	Pentachloronitrobenzene	82-68-8	3.6	1.2
119	Pindone	83-26-1	0.72	0.24
120	Rotenone	83-79-4	36	12
121	Anthraquinone	84-65-1	60	20
122	Diisobutyl phthalate	84-69-5	60	20
123	Butylphthalyl butylglycolate	85-70-1	36	12
124	Azinphos-methyl	86-50-0	1.44	0.48
125	Dibenzopyrrole	86-74-8	120	40
126	Thiourea, 1-naphthalenyl-	86-88-4	2.13	0.71
127	2,6-Xylidine	87-62-7	11.7	3.9
128	2,6-Dichlorophenol	87-65-0	24	8

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
129	Hexachlorobutadiene	87-68-3	0.681	0.227
130	2,4,6-Trichlorophenol	88-06-2	4.5	1.5
131	N-Vinylpyrrolidinone	88-12-0	21	7
132	Isopropyl phenol	88-69-7	228	76
133	Nitrotoluene, o-	88-72-2	78	26
134	1-Chloro-2-nitrobenzene	88-73-3	3.15	1.05
135	o-Nitrophenol	88-75-5	48	16
136	Picric acid	88-89-1	0.6	0.2
137	Phthalic acid	88-99-3	72	24
138	Pyromellitic acid	89-05-4	3	1
139	Pyromellitic dianhydride	89-32-7	3	1
140	Butyl phenol, o-sec-	89-72-5	222	74
141	Salicylaldehyde	90-02-8	9	3
142	o-Anisidine	90-04-0	3.6	1.2
143	Methyl naphthalenes, a-	90-12-0	36	12
144	o-Phenylphenol	90-43-7	16.5	5.5

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
145	Tris(dimethylaminomethyl)phenol	90-72-2	50.4	16.8
146	Michler s ketone	90-94-8	0.06*	0.02*
147	Benzhydrol	91-01-0	48	16
148	1,2-Dimethoxybenzene	91-16-7	28.8	9.6
149	Decahydronaphthalene	91-17-8	0.45	0.15
150	7-Diethylamino-4-methyl coumarin	91-44-1	48	16
151	2-Methylnaphthalene	91-57-6	30	10
152	N,N-Diethylaniline	91-66-7	15.6	5.2
153	Phenothiazine	92-84-2	36	12
154	Methyl benzoate	93-58-3	12	4
155	2,4,5-Trichlorophenoxyacetic acid	93-76-5	72	24
156	Oleoyl diethanolamine	93-83-4	9	3
157	Ethyl benzoate	93-89-0	300	100
158	Vinyl-2-ethylhexoate	94-04-2	240	80
159	Benzoyl peroxide	94-36-0	36	12
160	Dipropylene glycol dibenzoate	94-51-9	264	88

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
161	Safrole	94-59-7	42	14
162	2,4-Dichlorophenoxyacetic acid	94-75-7	12	4
163	2-Ethyl-1,3-hexanediol	94-96-2	84	28
164	Indene	95-13-6	84	28
165	Benzotriazole	95-14-7	120	40
166	2-Imidazoline-1-ethanol, 2-(8-heptadecenyl)-	95-38-5	6	2
167	o-Xylene	95-47-6	300	100
168	2-Methylphenol	95-48-7	210	70
169	o-Chlorotoluene	95-49-8	288	96
170	o-Chloroaniline	95-51-2	6	2
171	o-Toluidine	95-53-4	2.55	0.85
172	o- Phenylene diamine	95-54-5	0.72	0.24
173	2-Chlorophenol	95-57-8	2.4	0.8
174	3,4-Dimethylphenol	95-65-8	10.5	3.5
175	p-Chloro-o-toluidine	95-69-2	0.18*	0.06*
176	3,4-Dichloroaniline	95-76-1	9.6	3.2

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
177	2,5-Dichloroaniline	95-82-9	9	3
178	4-Chloro-o-phenylenediamine	95-83-0	3.27	1.09
179	2,5-Dimethylphenol	95-87-4	2.1	0.7
180	1,2,4,5-Tetramethylbenzene	95-93-2	60	20
181	1,2,4,5-Tetrachlorobenzene	95-94-3	3	1
182	Allyl methacrylate	96-05-9	132	44
183	Styrene oxide	96-09-3	37.2	12.4
184	Dibromochloropropane	96-12-8	0.6	0.2
185	3-Methylpentane	96-14-0	4,200	1,400
186	1,2,3-Trichloropropane	96-18-4	420	140
187	1,2,3-Trichloropropene	96-19-5	9.6	3.2
188	Diethyl ketone	96-22-0	5,100	1,700
189	1,3 -Dichloropropanol	96-23-1	1	0.3
190	Monochlorohydrin	96-24-2	60	20
191	Methylethylketoxime	96-29-7	37.5	12.5
192	Chloroacetic acid methyl ester	96-34-4	60	20

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
193	Methyl cyclopentane	96-37-7	600	200
194	Cyclopentyl alcohol	96-41-3	8,640	2,880
195	Ethylene thiourea	96-45-7	1.155	0.385
196	gamma-Butyrolactone	96-48-0	84	28
197	Ethylene glycol carbonate	96-49-1	120	40
198	4,4 - Thiobis(6-t-butyl-m-cresol)	96-69-5	60	20
199	Diisopropylaminoethanol	96-80-0	12	4
200	Ethyl 2-methacrylate	97-63-2	36	12
201	Ethyl lactate	97-64-3	60	20
202	Disulfiram	97-77-8	14.4	4.8
203	Isobutyl isobutyrate	97-85-8	3,600	1,200
204	Isobutyl methacrylate	97-86-9	2,280	760
205	Butyl methacrylate	97-88-1	1,707	569
206	Aluminum, triethyl	97-93-8	60	20
207	Tetrahydrofuryl methanol	97-99-4	100.2	33.4
208	Butylbenzene,t-	98-06-6	3,288	1,096

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
209	Benzotrichloride	98-07-7	0.96	0.32
210	Butyl-m-xylene, t-	98-19-1	396	132
211	t-Butylcatechol	98-29-3	24	8
212	Butyl toluene, p-t-	98-51-1	45	15
213	Butyl phenol, p-t-	98-54-4	6	2
214	p-Chlorobenzotrifluoride	98-56-6	210	70
215	Benzylamine, alpha-methyl	98-84-0	9	3
216	Benzyl dichloride	98-87-3	2.4	0.8
217	Dimethylcyclohexylamine, N,N-	98-94-2	120	40
218	Nitrobenzene	98-95-3	5.1	1.7
219	m-Nitrotoluene	99-08-1	78	26
220	m-Dinitrobenzene	99-65-0	7.2	2.4
221	4-Methyl isopropylbenzene	99-87-6	330	110
222	N,N-Dimethyl-p-toluidine	99-97-8	84	28
223	p-Nitrotoluene	99-99-0	78	26
224	p- Chloronitrobenzene	100-00-5	4.5	1.5

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
225	p-Nitroaniline	100-01-6	18	6
226	p-Nitrophenol	100-02-7	12	4
227	Terephthalic acid	100-21-0	72	24
228	Dinitrobenzene	100-25-4	7.2	2.4
229	2-Diethylaminoethylamine	100-36-7	27	9
230	2-Diethylaminoethanol	100-37-8	66	22
231	4-Vinylcyclohexene	100-40-3	5.28	1.76
232	Benzyl chloride	100-44-7	0.306	0.102
233	Benzonitrile	100-47-0	600	200
234	Benzaldehyde	100-52-7	6	2
235	Methyl aniline	100-61-8	15.6	5.2
236	Phenyl hydrazine	100-63-0	3	1
237	Methyl phenyl ether	100-66-3	120	40
238	n-Ethyl morpholine	100-74-3	171	57
239	Hexamethylenetetramine	100-97-0	24	8
240	Triphenyl phosphite	101-02-0	30	10

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
241	Dioctyldiphenylamine	101-67-7	120	40
242	Diphenyloxide	101-84-8	51	17
243	Diphenyl carbonate	102.09-0	9.3	3.1
244	Dicyclopentdienyl iron	102-54-5	60	20
245	Tripropylamine	102-69-2	0.6	0.2
246	Triallylamine	102-70-5	72	24
247	Triethanolamine	102-71-6	60	20
248	Triacetin	102-76-1	60	20
249	Butyldiethanolamine	102-79-4	42	14
250	2-N-Dibutylaminoethanol	102-81-8	42	14
251	Tributylamine	102-82-9	21	7
252	Tributyl phosphite	102-85-2	24	8
253	2-Ethylhexyl acetate	103-09-3	45	15
254	2-Ethylhexyl acrylate	103-11-7	51	17
255	Di(2-Ethylhexyl) adipate	103-23-1	45	15
256	Dioctyl azelate	103-24-2	120	40

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
257	Azobenzene	103-33-3	0.45	0.15
258	2-Bromoethyl benzene	103-63-9	9	3
259	Propylbenzene	103-65-1	60	20
260	N-Ethylaniline	103-69-5	15.6	5.2
261	Phenyl isocyanate	103-71-9	0.6	0.2
262	Phenyl isothiocyanate	103-72-0	0.6	0.2
263	Phenyl ethyl ether	103-73-1	15.6	5.2
264	Benzyl dimethylamine	103-83-3	90	30
265	n-Butylbenzene	104-51-8	328.8	109.6
266	Diethylene glycol monophenyl ether	104-68-7	21	7
267	N,N-Diethyl-1,3-propanediamine	104-78-9	42	14
268	Chlorobenzyl chloride	104-83-6	3.6	1.2
269	2-Methyl-5-ethylpyridine	104-90-5	4.8	1.6
270	p-Anisidine	104-94-9	3.6	1.2
271	Ethyl propionate	105-37-3	156	52
272	Methyl acetoacetate	105-45-3	360	120

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
273	Butyl acetate, sec-	105-46-4	6,900	2,300
274	Diethylmalonate	105-53-3	150	50
275	Ethyl butyrate	105-54-4	48	16
276	Diethylthiourea	105-55-5	6	2
277	Acetal	105-57-7	5,880	1,960
278	Methyldiethanolamine	105-59-9	18	6
279	Caprolactam	105-60-2	12	4
280	2,4-Dimethylphenol	105-67-9	21	7
281	Dibutyl maleate	105-76-0	312	104
282	Butyric anhydride	106-31-0	30	10
283	Ethyl butyl ketone	106-35-4	1,680	560
284	Propyl propionate	106-36-5	252	84
285	p-Xylene	106-42-3	300	100
286	4-Methylphenol	106-44-5	156	52
287	p-Chloroaniline	106-47-8	1.8	0.6
288	p-Chlorophenol	106-48-9	36	12

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
289	p-Toluidine	106-49-0	63	21
290	p-Phenylene diamine	106-50-3	0.72	0.24
291	Isobutyl acrylate	106-63-8	12	4
292	Dimethyl succinate	106-65-0	120	40
293	Ethyl sec-amyl ketone	106-68-3	930	310
294	Vinyl cyclohexene dioxide	106-87-6	4.2	1.4
295	1,2-Epoxybutane	106-88-7	60	20
296	Epichlorohydrin	106-89-8	3	1
297	Glycidyl methacrylate	106-91-2	34.8	11.6
298	Propyl bromide	106-94-5	147	49
299	Butane	106-97-8	22,800	7,600
300	2-Butene	107-01-7	1,560	520
301	Allyl chloride	107-05-1	3	1
302	Ethylene chlorohydrin	107-07-3	36	12
303	Propylamine	107-10-8	14.4	4.8
304	Allylamine	107-11-9	14.4	4.8

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
305	Propionitrile	107-12-0	168	56
306	Acetonitrile, chloro	107-14-2	150	50
307	Ethylene diamine	107-15-3	180	60
308	Glycolonitrile	107-16-4	60	20
309	Allyl alcohol	107-18-6	54	18
310	Propargyl alcohol	107-19-7	16.5	5.5
311	Chloroacetaldehyde	107-20-0	36	12
312	Glyoxal	107-22-2	0.72	0.24
313	Vinyl methyl ether	107-25-5	11,640	3,880
314	Methyl formate	107-31-3	2,757	919
315	Diisobutylene	107-39-1	2,160	720
316	Hexamethyldisiloxane	107-46-0	48	16
317	Tetraethylpyrophosphate	107-49-3	0.33	0.11
318	Butylacrylamide, t-	107-58-4	3.6	1.2
319	Dibutyl phosphate	107-66-4	103.2	34.4
320	N-Methyl taurine	107-68-6	5.1	1.7

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
321	t-Butyl peroxyacetate	107-71-1	0.18*	0.06*
322	2-Methylpentane	107-83-5	12,600	4,200
323	Methyl propyl ketone	107-87-9	6,360	2,120
324	1,3-Butylene glycol	107-88-0	5,280	1,760
325	Cyanoacetamide	107-91-5	150	50
326	Butyric acid	107-92-6	4.32	1.44
327	Dimethylethanolamine	108-01-0	66	22
328	1-Nitropropane	108-03-2	1,080	360
329	Vinyl acetate	108-05-4	420	140
330	2,4-Dimethylpentane	108-08-7	7,800	2,600
331	Methyl amyl alcohol	108-11-2	348	116
332	Diisopropylamine	108-18-9	252	84
333	Acetic anhydride	108-24-7	150	50
334	Succinic anhydride	108-30-5	30	10
335	Propylene carbonate	108-32-7	120	40
336	m-Xylene	108-38-3	300	100

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
337	3-Methylphenol	108-39-4	156	52
338	m-Chloroaniline	108-42-9	36	12
339	m-Chlorophenol	108-43-0	2.4	0.8
340	m-Toluidine	108-44-1	63	21
341	m-Phenylenediamine	108-45-2	0.72	0.24
342	Resorcinol	108-46-3	81	27
343	1,3-Divinyl benzene	108-57-6	390	130
344	3,5-Dimethylphenol	108-68-9	2.4	0.8
345	1,3,5-Trichlorobenzene	108-70-3	54	18
346	Melamine	108-78-1	22.5	7.5
347	2,6-Dimethyl-4-heptanol	108-82-7	228	76
348	Hexyl acetate, sec-	108-84-9	492	164
349	Bromobenzene	108-86-1	24	8
350	Methylcyclohexane	108-87-2	19,320	6,440
351	4-Picoline	108-89-4	60	20
352	Cyclohexylamine	108-91-8	96	32

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
353	Cyclohexyl alcohol	108-93-0	720	240
354	Cyclohexanone	108-94-1	576	192
355	3-Picoline	108-99-6	90	30
356	Methyl morpholine	109-02-4	420	140
357	alpha-Picoline	109-06-8	60	20
358	Valeric acid	109-52-4	3.6	1.2
359	Isopropoxyethanol	109-59-1	264	88
360	1-Bromobutane	109-65-9	27	9
361	Pentane	109-66-0	12,600	4,200
362	1-Pentene	109-67-1	108	36
363	1-Chlorobutane	109-69-3	4,008	1,336
364	1-Bromo-3-chloropropane	109-70-6	0.6	0.2
365	Butylamine	109-73-9	180	60
366	Butyronitrile	109-74-0	26.4	8.8
367	Trimethylene diamine	109-76-2	60	20
368	Malononitrile	109-77-3	96	32

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
369	Ethylene cyanohydrin	109-78-4	60	20
370	2-Methylaminoethanol	109-83-1	114	38
371	2-Methoxyethanol	109-86-4	60	20
372	Ethyl vinyl ether	109-92-2	60	20
373	Ethyl formate	109-94-4	2,160	720
374	Pyrrole	109-97-7	2.4	0.8
375	Di-t-butyl peroxide	110-05-4	120	40
376	Maleic acid	110-16-7	16.8	5.6
377	Isopentyl nitrite	110-46-3	12	4
378	Propylene glycol isopropyl ether	110-48-5	312	104
379	Ethylene glycol monomethyl ether acetate	110-49-6	6	2
380	Amyl bromide	110-53-2	300	100
381	Amylamine	110-58-7	3	1
382	Tetramethylene diamine	110-60-1	216	72
383	Succinonitrile	110-61-2	180	60
384	Valeraldehyde	110-62-3	1,260	420

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
385	1,4-Butylene glycol	110-63-4	600	200
386	1,4-Butynediol	110-65-6	24	8
387	3-Methoxypropionitrile	110-67-8	240	80
388	Ethylene glycol dimethyl ether	110-71-4	72	24
389	2-Ethylaminoethanol	110-73-6	3	1
390	Propyl formate	110-74-7	780	260
391	Cyclohexene	110-83-8	720	240
392	Piperazine	110-85-0	48	16
393	Trioxane	110-88-3	228	76
394	Piperidine	110-89-4	42	14
395	Morpholine	110-91-8	48	16
396	Diisobutylamine	110-96-3	150	50
397	Diisopropanolamine	110-97-4	12	4
398	Dipropylene glycol	110-98-5	1,440	480
399	2-Octanone	111-13-7	60	20
400	Heptanoic acid	111-14-8	132	44

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
401	Hexyl bromide	111-25-1	168	56
402	Hexyl alcohol	111-27-3	48	16
403	3-Ethoxypropanol	111-35-3	4,416	1,472
404	Butyl isocyanate	111-36-4	12	4
405	Diethylene triamine	111-40-0	30	10
406	Aminoethyl ethanolamine	111-41-1	768	256
407	Diethanolamine	111-42-2	9	3
408	Propyl ether	111-43-3	3,000	1,000
409	Ethylene glycol monoallyl ether	111-45-5	504	168
410	Diethylene glycol	111-46-6	120	40
411	Ethylene glycol diacetate	111-55-7	672	224
412	1-Octene	111-66-0	24	8
413	Dipionitrile	111-69-3	63	21
414	Heptyl alcohol	111-70-6	2,280	760
415	Heptyl aldehyde	111-71-7	288	96
416	2-Butylaminoethanol	111-75-1	12	4

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
417	Nonane	111-84-2	12,600	4,200
418	Octyl amine	111-86-4	7.2	2.4
419	1-Octanol	111-87-5	12	4
420	Diethylene glycol dimethyl ether	111-96-6	105	35
421	Nonoic acid	112-05-0	6	2
422	Acetic acid, heptyl ester	112-06-1	48	16
423	Triethylene tetramine	112-24-3	30	10
424	Triethylene glycol	112-27-6	120	40
425	Decyl alcohol	112-30-1	48	16
426	Triethylene glycol monomethyl ether	112-35-6	804	268
427	Diethyl carbitol	112-36-7	444	148
428	Undecanoic acid	112-37-8	13.2	4.4
429	Ethylene glycol dibutyl ether	112-48-1	600	200
430	Triethylene glycol monoethyl ether	112-50-5	192	64
431	Tetraethylene pentamine	112-57-2	168	56
432	Hexyl carbitol	112-59-4	936	312

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
433	Tetraethylene glycol	112-60-7	120	40
434	Tridecyl alcohol	112-70-9	3,240	1,080
435	Dibutyl carbitol	112-73-2	1,080	360
436	Octadecenylamine	112-90-3	372	124
437	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	3.6	1.2
438	Isobutylene	115-11-7	63	21
439	Methyl butynol	115-19-5	19.5	6.5
440	Endosulfan	115-29-7	0.72	0.24
441	Pentaerythritol	115-77-5	60	20
442	Triphenyl phosphate	115-86-6	21.3	7.1
443	Tris(2-chloroethyl) phosphate	115-96-8	51.6	17.2
444	Tetrafluoroethylene	116-14-3	60	20
445	2-Aminoanthraquinone	117-79-3	1.60	0.53
446	Isatoic anhydride	118-48-9	12	4
447	1,3-Dichloro-5,5-dimethylhydantoin	118-52-5	2.4	0.8
448	Hexachlorobenzene	118-74-1	0.033*	0.011*

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
449	2-Hydroxyacetophenone	118-93-4	1,500	500
450	2,4,6-Trinitrotoluene	118-96-7	0.72	0.24
451	Ditridecyl phthalate	119-06-2	120	40
452	Benzoin	119-53-9	96	32
453	Benzophenone	119-61-9	180	60
454	Tetrahydronaphthalene	119-64-2	3,600	1,200
455	o-Dianisidine	119-90-4	0.6	0.2
456	Phenyldiethanolamine	120-07-0	9	3
457	Anthracene	120-12-7	0.6	0.2
458	Benzyl benzoate	120-51-4	708	236
459	Dimethyl terephthalate - respirable	120-61-6	60	20
460	p-Cresidine	120-71-8	0.348	0.116
461	Catechol	120-80-9	165	55
462	2,4-Dichlorophenol	120-83-2	231	77
463	Cyclopentanone	120-92-3	2,040	680
464	N-Methyl pyrrolidine	120-94-5	8.4	2.8

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
465	2,4-Dinitrotoluene	121-14-2	0.18*	0.06*
466	Vanillin	121-33-5	120	40
467	Triethylamine	121-44-8	21	7
468	Trimethyl phosphite	121-45-9	0.6	0.2
469	Bicycloheptadiene	121-46-0	240	80
470	N-N-Dimethylaniline	121-69-7	72	24
471	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	3.6	1.2
472	Chloro nitroaniline	121-87-9	18	6
473	Triisopropanolamine	122-20-3	57	19
474	Triethyl phosphite	122-52-1	240	80
475	Phenyl glycidyl ether	122-60-1	4.2	1.4
476	1,2-Diphenylhydrazine	122-66-7	0.06*	0.02*
477	Phenylpropyl alcohol	122-97-4	132	44
478	Ethylene glycol monophenyl ether	122-99-6	204	68
479	Dodecyl benzene	123-01-3	5,400	1,800
480	2-Ethylhexyl chloride	123-04-6	300	100

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
481	2-Ethylhexanal	123-05-7	30	10
482	2,6,8-Trimethyl-4-nonanol	123-17-1	450	150
483	Dipropyl ketone	123-19-3	1,650	550
484	Hydroquinone	123-31-9	14.4	4.8
485	Methyl formamide	123-39-7	13.2	4.4
486	Isoamyl alcohol	123-51-3	795	265
487	2,4-Pentanedione	123-54-6	48	16
488	Trimethyl trioxane	123-63-7	528	176
489	Butyraldehyde	123-72-8	16.8	5.6
490	Crotonaldehyde	123-73-9	10.2	3.4
491	Pyrrolidine	123-75-1	84	28
492	2-Octanol	123-96-6	15.6	5.2
493	Diallylamine	124-02-7	144	48
494	Octanoic acid	124-07-2	60	20
495	Nonene	124-11-8	36	12
496	Nonyl aldehyde	124-19-6	180	60

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
497	Dodecylamine	124-22-1	120	40
498	Carbon dioxide	124-38-9	63,000	21,000
499	Sodium methylate	124-41-4	24	8
500	Dibromochloromethane	124-48-1	0.6	0.2
501	Methyl sulfonyl chloride	124-63-0	6	2
502	2-Amino-2-methyl-1-propanol	124-68-5	54	18
503	Methylvinylchlorosilane	124-70-9	18	6
504	3-Bromo-1-chloro-5,5-dimethylhydantoin	126-06-7	4.5	1.5
505	Neopentyl glycol	126-30-7	600	200
506	Sulfolane	126-33-0	24	8
507	Tris(2,3-Dibromopropyl) phosphate	126-72-7	0.03*	0.01*
508	Tributyl phosphate	126-73-8	26.4	8.8
509	2,4,7,9-Tetramethyl-5-decyne-4,7-diol	126-86-3	1,440	480
510	Methacrylonitrile	126-98-7	19.2	6.4
511	beta-Chloroprene	126-99-8	3	1
512	1-Chloro-2-propanol	127-00-4	28.5	9.5

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
513	Sodium nitrobenzenesulfonate	127-68-4	27	9
514	Pinene, beta	127-91-3	810	270
515	Butylated hydroxytoluene	128-37-0	15	5
516	Di-t-butyl phenol	128-39-2	135	45
517	Pyrene	129-00-0	0.6	0.2
518	1,4-Naphthoquinone	130-15-4	1.2	0.4
519	Diallyl phthalate	131-17-9	1.5	0.5
520	o-Ansidine, hydrochloride	134-29-2	0.6	0.2
521	Cupferron	135-20-6	0.237*	0.079*
522	sec-Butylbenzene	135-98-8	18	6
523	Sesone	136-78-7	72	24
524	Methyl 2-cyanoacrylate	137-05-3	7.2	2.4
525	2-Methyl-1-butanol	137-32-6	39	13
526	Butyl lactate	138-22-7	213	71
527	Benzyl acetate	140-11-4	450	150
528	Aminoethyl piperazine	140-31-8	12	4

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
529	Aramite	140-57-8	2.11	0.70
530	Ethanolamine	141-43-5	96	32
531	Phosphoric acid, dimethyl ester, ester with (E)-3-hydroxy-N,N-dimethylcrotonamide	141-66-2	0.36	0.12
532	Mesityl oxide	141-79-7	240	80
533	2,6-Dimethyl morpholine	141-91-3	1,131	377
534	Ethyl acetoacetate	141-97-9	138	46
535	Cyclopentene	142-29-0	15	5
536	Dimethyl hexynediol	142-30-3	120	40
537	Hexanoic acid	142-62-1	36	12
538	Piperazine dihydrochloride	142-64-3	36	12
539	Di-n-propylamine	142-84-7	4.5	1.5
540	Butyl ether (all isomers)	142-96-1	444	148
541	Dodecanoic acid	143-07-7	36	12
542	Triethylene glycol monobutyl ether	143-22-6	1,200	400
543	Sodium hydrogen carbonate	144-55-8	24	8
544	Dinitro-o-toluamide	148-01-6	36	12

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
545	Sodium diethyldithiocarbamate	148-18-5	60	20
546	Mercaptobenzothiazole	149-30-4	42	14
547	2-Ethylhexanoic acid	149-57-5	192	64
548	Trimethylorthoformate	149-73-5	2,400	800
549	4-Methoxyphenol	150-76-5	36	12
550	Ethyleneimine	151-56-4	6.3	2.1
551	Halothane	151-67-7	192	64
552	p-Nitrosodiphenylamine	156-10-5	2.38	0.79
553	p-Phenetidine	156-43-4	180	60
554	Calcium cyanamide	156-62-7	3.6	1.2
555	Benzo[g,h,i]perylene	191-24-2	3.6	1.2
556	Fluoranthene	206-44-0	420	140
557	Acenaphthylene	208-96-8	10.5	3.5
558	Diquat - respirable	231-36-7	1.2	0.4
559	Triethylenediamine	280-57-9	18	6
560	Adamantane	281-23-2	120	40

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
561	Cyclopentane	287-92-3	12,300	4,100
562	Cycloheptane	291-64-5	4,080	1,360
563	Cyclooctane	292-64-8	4,200	1,400
564	Cyclododecane	294-62-2	6,240	2,080
565	Methyl parathion	298-00-0	1.44	0.48
566	Phorate	298-02-2	0.36	0.12
567	Disulfoton	298-04-4	0.36	0.12
568	Glyoxylic acid	298-12-4	90	30
569	Fenchlorphos	299-84-3	72	24
570	Cruformate	299-86-5	36	12
571	Allyl benzene	300-57-2	15	5
572	Naled	300-76-5	0.72	0.24
573	Diuron	330-54-1	72	24
574	Thiocyanic acid, potassium salt	333-20-0	150	50
575	Decanoic acid	334-48-5	16.8	5.6
576	Diazomethane	334-88-3	4.08	1.36

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
577	Isoflupredone acetate	338-98-7	0.03*	0.01*
578	Diethyl sulfide	352-93-2	19.2	6.4
579	Carbonyl fluoride	353-50-4	6	2
580	Pentafluoroethane	354-33-6	29,400	9,800
581	2,2 -Bipyridyl	366-18-7	2.4	0.8
582	Hexafluoroisobutylene	382-10-5	36	12
583	Perfluoroisobutylene	382-21-8	0.96	0.32
584	Pentafluorobutane	406-58-6	36,240	12,080
585	Fluorene	406-90-6	12	4
586	Silicon carbide	409-21-2	21.3	7.1
587	Cyanamide	420-04-2	14.4	4.8
588	Cyanic acid	420-05-3	150	50
589	1,1,1-Trifluoroethane	420-46-2	20,400	6,800
590	Cyanogen	460-19-5	9	3
591	1,1,1,3,3-Pentafluoropropane	460-73-1	6,000	2,000
592	Fluorobenzene	462-06-6	468	156

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
593	3-Aminopyridine	462-08-8	18	6
594	Pentamethylene diamine	462-94-2	24	8
595	Ketene	463-51-4	6	2
596	Carbonyl sulfide	463-58-1	9.6	3.2
597	Dimethylpropane	463-82-1	12,600	4,200
598	Calcium carbonate	471-34-1	72	24
599	Nitramine	479-45-8	10.8	3.6
600	Soda ash	497-19-8	60	20
601	Caprolactone	502-44-3	264	88
602	Isopentanoic acid	503-74-2	12	4
603	2-Aminopyridine	504-29-0	14.4	4.8
604	1,3-Pentadiene	504-60-9	216	72
605	Suberic acid	505-48-6	51	17
606	Gold cyanide	506-65-0	150	50
607	t-Butylchloride	507-20-0	528	176
608	Tetranitromethane	509-14-8	0.30	0.10

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
609	Amylene	513-35-9	318	106
610	Dimethylvinyl chloride	513-37-1	0.12*	0.04*
611	2,3-Butylene glycol	513-85-9	1,680	560
612	Acetoin	513-86-0	1,500	500
613	Ethyl trichloroacetate	515-84-4	8.4	2.8
614	Benzene, 1-allyl-2,5-dimethoxy-3,4-(methylenedioxy)-	523-80-8	72	24
615	2,3-Dimethyl phenol	526-75-0	6	2
616	o-Dinitrobenzene	528-29-0	7.2	2.4
617	2-Methyl furan	534-22-5	285	95
618	Propyl chloride	540-54-5	3,600	1,200
619	2,2,4-Trimethyl pentane	540-84-1	7,800	2,600
620	Butyl acetate, t-	540-88-5	6,900	2,300
621	Dodecamethylcyclohexasiloxane	540-97-6	1,200	400
622	Decamethylcyclopentasiloxane	541-02-6	600	200
623	Hexamethylcyclotrisiloxane	541-05-9	150	50
624	Ethyl chlorocarbonate	541-41-3	6	2

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
625	1,3-Dichlorobenzene	541-73-1	1,080	360
626	Ethyl amyl ketone	541-85-5	930	310
627	Isobutyl nitrite	542-56-3	51	17
628	1,3-Dichloropropene	542-75-6	3.75	1.25
629	3-Chloropropionitrile	542-76-7	21.6	7.2
630	Cyclopentadiene	542-92-7	1,440	480
631	Magnesium carbonate	546-93-0	72	24
632	Methyl isobutyrate	547-63-7	120	40
633	Trimellitic anhydrid	552-30-7	0.48	0.16
634	Potassium dicyanoaurate	554-07-4	150	50
635	Methyl propionate	554-12-1	444	148
636	m-Nitrophenol	554-84-7	48	16
637	Glycidol	556-52-5	45	15
638	Methyl isothiocyanate	556-61-6	1.2	0.4
639	Octamethylcyclotetrasiloxane	556-67-2	45	15
640	Carbon tetrabromide	558-13-4	9.9	3.3

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
641	Trimetacresyl phosphate	563-04-2	3.6	1.2
642	Phosphorodithioic acid, S,S -methylene O,O,O ,O -tetraethyl	563-12-2	0.36	0.12
643	3-Methyl-1-butene	563-45-1	86.4	28.8
644	3-Chloro-2-methylpropene	563-47-3	0.45	0.15
645	Thallium acetate	563-68-8	0.93	0.31
646	Methyl isopropyl ketone	563-80-4	5,100	1,700
647	2,3-Dimethylpentane	565-59-3	7,800	2,600
648	2,6-Dimethyl phenol	576-26-1	6	2
649	o-Methyl cyclohexanone	583-60-8	1,650	550
650	1,2-Butylene glycol	584-03-2	2,520	840
651	Potassium carbonate	584-08-7	60	20
652	Diphenylethylene	588-59-0	6	2
653	Methylbenzyl alcohol	589-18-4	72	24
654	3-Methylhexane	589-34-4	7,800	2,600
655	Butyl propionate	590-01-2	276	92
656	Potassium cyanate	590-28-3	150	50

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
657	Isovaleraldehyde	590-86-3	2,160	720
658	m-Aminophenol	591-27-5	1,170	390
659	2-Methylhexane	591-76-4	3,684	1,228
660	Methyl n-butyl ketone	591-78-6	48	16
661	Hexene	592-41-6	84	28
662	1,5-Hexanediene	592-42-7	78	26
663	1-Heptene	592-76-7	72	24
664	Butyl formate	592-84-7	2,520	840
665	Methylamine hydrochloride	593-51-1	141	47
666	Fluoromethane	593-53-3	8,400	2,800
667	Vinyl bromide	593-60-2	21	7
668	Chloroacetylene	593-63-5	0.48	0.16
669	Ethylene amine	593-67-9	240	80
670	1,1-Dichloro-1-nitroethane	594-72-9	87	29
671	Hydroxypivaldehyde	597-31-9	216	72
672	N,N-Dimethyl ethylamine	598-56-1	900	300

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
673	2-Chloropropionic acid	598-78-7	3	1
674	p-Cumyl phenol	599-64-4	16.8	5.6
675	Chloronitropropane	600-25-9	72	24
676	Triphenylamine	603-34-9	36	12
677	Triphenyl phosphine	603-35-0	4.8	1.6
678	Pentachlorobenzene	608-93-5	9	3
679	1-Ethyl-2-methylbenzene	611-14-3	1,500	500
680	1,1-Diphenylethane	612-00-0	2.4	0.8
681	t-Butyl peroxybenzoate	614-45-9	18	6
682	2,4-Diaminoanisole	615-05-4	2.27	0.76
683	Methylmaleic anhydride	616-02-4	72	24
684	2-Pyrrolidone	616-45-5	168	56
685	1-Methylimidazole	616-47-7	120	40
686	3-Ethylpentane	617-78-7	4,200	1,400
687	Ethyl hexane	619-99-8	4,200	1,400
688	3-Pentanol, acetate	620-11-1	1,890	630

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
689	m-Ethyltoluene	620-14-4	1,500	500
690	2-Ethanol	622-08-2	444	148
691	p-Ethyltoluene	622-96-8	1,500	500
692	Methyl butyrate	623-42-7	15.6	5.2
693	2-Methylbutyl acetate	624-41-9	1,890	630
694	Pentyl propionate	624-54-4	63	21
695	2-Butanol, 2-methyl-, acetate	625-16-1	1,890	630
696	4-Penten-2-ol	625-31-0	8.4	2.8
697	Nitroethanol	625-48-9	372	124
698	2, 5-Dimethylfuran	625-86-5	285	95
699	Isophthalonitrile	626-17-5	36	12
700	1-Methylpiperidine	626-67-5	24	8
701	Propyl nitrate	627-13-4	750	250
702	Dimethyl adipate	627-93-0	120	40
703	n-Amyl methyl ether	628-80-8	63	21
704	Ethyl-n-butyl ether	628-81-9	2,808	936

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
705	1,6-Hexanediol	629-11-8	42	14
706	Ethylene glycol diethyl ether	629-14-1	60	20
707	Diethylene glycol monomethyl ether acetate	629-38-9	444	148
708	Tridecane	629-50-5	600	200
709	1-Hexadecene	629-73-2	51	17
710	Selenourea	630-10-4	45	15
711	1,1,1,2-Tetrachloroethane	630-20-6	2.03	0.68
712	Ammonium acetate	631-61-8	264	88
713	1,2,3,4-Tetrachlorobenzene	634-66-2	12	4
714	Ethyl tertiary butyl ether	637-92-3	252	84
715	Phenylphosphine	638-21-1	0.9	0.3
716	Ethyl-3-propyl acrolein	645-62-5	18	6
717	Dichloromethyl phosphine oxide	676-97-1	3.6	1.2
718	3,3,3-Trifluoropropene	677-21-4	840	280
719	Methyl silicate	681-84-5	42	14
720	Hexafluoroacetone	684-16-2	4.8	1.6

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
721	2-Ethylhexyl methacrylate	688-84-6	5.1	1.7
722	2-Methylimidazole	693-98-1	120	40
723	Cyclohexanediamine	694-83-7	564	188
724	Benzocyclobutene	694-87-1	66	22
725	Monophenyl phosphoric acid	701-64-4	9	3
726	Propanil	709-98-8	18	6
727	3,4-Dichloro-1-butene	760-23-6	168	56
728	Dimethylhexadiene	764-13-6	5,850	1,950
729	1,4-Dichloro-2-butene	764-41-0	0.3	0.1
730	Diethylene glycol divinyl ether	764-99-8	660	220
731	Isopropylaniline	768-52-5	78	26
732	Propylene glycol phenyl ether	770-35-4	24	8
733	Diphenylmethylsilanol	778-25-6	18	6
734	1,1,1,2-Tetrafluoroethane	811-97-2	50,064	16,688
735	Acryloyl chloride	814-68-6	0.9	0.3
736	2-Hydroxyethyl acrylate	818-61-1	60	20

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
737	4-Methylimidazole	822-36-6	60	20
738	Triacetone amine	826-36-8	27.6	9.2
739	Dimethoxane	828-00-2	0.39	0.13
740	Cyclododecanone	830-13-7	192	64
741	Hydroxyethyl methacrylate	868-77-9	30	10
742	Sodium cyanate	917-61-3	150	50
743	3-Aminopropyltriethoxysilane	919-30-2	480	160
744	Demeton-s-methyl	919-86-8	0.36	0.12
745	Ethyl acrolein	922-63-4	72	24
746	2-Hydroxypropyl methacrylate	923-26-2	108	36
747	Indium, triethyl	923-34-2	1.26	0.42
748	Propyl acrylate	925-60-0	60	20
749	Aminoethoxyethanol	929-06-6	456	152
750	Diethylene glycol monovinyl ether	929-37-3	348	116
751	Fonofos	944-22-9	0.72	0.24
752	Trimethylsilane	993-07-7	1,020	340

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
753	Tertiary amyl methyl ether	994-05-8	186	62
754	Tibutyl phosphine	998-40-3	4.8	1.6
755	Diallylamaleate	999-21-3	2.1	0.7
756	2-Hydroxypropyl acrylate	999-61-1	20.1	6.7
757	Diethylene glycol ethyl methyl ether	1002-67-1	600	200
758	Dimethylchlorosilane	1066-35-9	6	2
759	Trimethylsilanol	1066-40-6	19.5	6.5
760	1-Vinylimidazole	1072-63-5	27	9
761	Dimethyldimethoxysilane	1112-39-6	1,350	450
762	Hydroxypivalyl hydroxypivalate	1115-20-4	60	20
763	Dimethyl glutarate	1119-40-0	120	40
764	1-Tetradecene	1120-36-1	600	200
765	Decabromodiphenyl ether	1163-19-5	37.5	12.5
766	Trimethoxymethylsilane	1185-55-3	240	80
767	Sodium xylenesulfonate	1300-72-7	24	8
768	Xylidine	1300-73-8	18	6

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
769	Sodium aluminate	1302-42-7	24	8
770	Emery	1302-74-5	72	24
771	Bentonite	1302-78-9	24	8
772	Bismuth telluride	1304-82-1	72	24
773	Calcium phosphide	1305-99-3	6	2
774	Cerium oxide	1306-38-3	12	4
775	Magnesium hydroxide	1309-42-8	222	74
776	Germanium dioxide	1310-53-8	21	7
777	Lanthanum oxide	1312-81-8	60	20
778	Thallic oxide	1314-32-5	0.6	0.2
779	Phosphorus pentoxide	1314-56-3	12	4
780	Tantalum oxide	1314-61-0	45	15
781	Phosphorus pentasulfide	1314-80-3	7.2	2.4
782	Calcium carbonate	1317-65-3	72	24
783	Silica, crystalline (tripoli)	1317-95-9	0.6	0.2
784	Bauxite	1318-16-7	60	20

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
785	Propylene glycol monomethyl ether	1320-67-8	600	200
786	Pentachloronaphthalene	1321-64-8	3.6	1.2
787	Trichloronaphthalene	1321-65-9	36	12
788	Divinyl benzene	1321-74-0	390	130
789	Isodecyl acrylate	1330-61-6	66	22
790	Tricresyl phosphate	1330-78-5	6	2
791	Propylene glycol allyl ether	1331-17-5	396	132
792	Kaolin	1332-58-7	24	8
793	Methyl cyclohexene	1335-86-0	1,128	376
794	Hexachloronaphthalene	1335-87-1	1.44	0.48
795	Tetrachloronaphthalene	1335-88-2	14.4	4.8
796	Ammonium hydroxide	1336-21-6	300	100
797	Naphthenic acid	1338-24-5	120	40
798	Sorbitan monooleate	1338-43-8	150	50
799	Calcium silicate	1344-95-2	72	24
800	Trimethyl-o-acetate	1445-45-0	72	24

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
801	1,2:3,4-Diepoxybutane	1464-53-5	6	2
802	m-Xylylenediamine	1477-55-0	1.2	0.4
803	Ethylene glycol mono-2-ethylhexyl ether	1559-35-9	111	37
804	Diethylene glycol mono-2-ethylhexyl ether	1559-36-0	66	22
805	Carbofuran	1563-66-2	0.72	0.24
806	1-Propoxy-2-propanol	1569-01-3	1,560	520
807	Propylene glycol monoethyl ether	1569-02-4	720	240
808	2-Methoxy-1-propanol	1589-47-5	228	76
809	Monobutyl phosphoric acid	1623-15-0	30	10
810	Ethylcyclopentane	1640-89-7	1,956	652
811	Ethylcyclohexane	1678-91-7	2,244	748
812	Triethylene glycol diacrylate	1680-21-3	12	4
813	Dimethylaminoethoxyethanol	1704-62-7	156	52
814	Dimethylvinylchlorosilane	1719-58-0	48	16
815	Hexachloropropene	1888-71-7	72	24
816	Atrazine	1912-24-9	36	12

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
817	Picloram	1918-02-1	72	24
818	Nitrapyrin	1929-82-4	72	24
819	t-Butyl hydroquinone	1948-33-0	72	24
820	o-Chlorostyrene	2039-87-4	2,010	670
821	Diamylamine	2050-92-2	27	9
822	Paraquat dimethylsulfate	2074-50-2	0.72	0.24
823	Ethyl p-nitrophenyl phenylphosphorothioate	2104-64-5	0.72	0.24
824	t-Butyldiethanolamine	2160-93-2	27	9
825	Pentachloropyridine	2176-62-7	9.6	3.2
826	Allyl propyl disulfide	2179-59-1	36	12
827	Octachloronaphthalene	2234-13-1	0.72	0.24
828	Diglycidyl ether	2238-07-5	6	2
829	1,3,5-Tris(trifluoropropyl)trimethylcyclotrisiloxane	2374-14-3	1.8	0.6
830	Captafol	2425-06-1	0.72	0.24
831	(Butoxymethyl)oxirane	2426-08-6	192	64
832	Triglycidyl-s-triazinetriene	2451-62-9	0.36	0.12

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
833	Trimethoxysilane	2487-90-3	42	14
834	Dibutyl phenyl phosphate	2528-36-1	24.9	8.3
835	Methylvinyltetramer	2554-06-5	480	160
836	Tetramethyldivinylsiloxane	2627-95-4	48	16
837	1-Octyl-2-pyrrolidone	2687-94-7	120	40
838	o-Chlorobenzylidene malononitrile	2698-41-1	4.5	1.5
839	Sulfuryl fluoride	2699-79-8	0.54	0.18
840	Diquat	2764-72-9	0.72	0.24
841	Vinyltrimethoxysilane	2768-02-7	30	10
842	Ethylene glycol monopropyl ether	2807-30-9	444	148
843	Dimethylaminoethyl methacrylate	2867-47-2	24	8
844	Chlorpyrifos	2921-88-2	0.72	0.24
845	Clopidol	2971-90-6	60	20
846	Piperdinocyclohexene	2981-10-4	6	2
847	Phenyltrimethoxysilane	2996-92-1	180	60
848	Bis (2-dimethylaminoethyl) ether	3033-62-3	2.37	0.79

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
849	Vinyl norbornene	3048-64-4	516	172
850	Ethyl benzene hydroperoxide	3071-32-7	522	174
851	Methanesulfonamide	3144-09-0	13.2	4.4
852	Cyclohexyl isocyanate	3173-53-3	2.4	0.8
853	Dimethyl propanolamine	3179-63-3	900	300
854	Dichloronitrobenzene	3209-22-1	10.8	3.6
855	Dibromoacetonitrile	3252-43-5	39.6	13.2
856	Tetramethyldihydrogendisiloxane	3277-26-7	360	120
857	Pivaloyl chloride	3282-30-2	4.8	1.6
858	Trimethylolpropane trimethacrylate	3290-92-4	60	20
859	Tetramethyl succinonitrile	3333-52-6	20.1	6.7
860	Vinyl 2,2-dimethyl propanoate	3377-92-2	6.6	2.2
861	Temephos	3383-96-8	12	4
862	beta-Naphthylthiourea	3394-04-5	3.6	1.2
863	t-Pentyl hydroperoxide	3425-61-4	120	40
864	Pentaerythritol triacrylate	3524-68-3	12	4

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
865	Tetraethyldithiopyrophosphate	3689-24-5	1.2	0.4
866	Hydroxyethylethylene urea	3699-54-5	12	4
867	1,7-Octadiene	3710-30-3	36	12
868	Diethyl hydroxylamine	3710-84-7	48	16
869	Methyl-3-methoxy proprionate	3852-09-3	168	56
870	Isopropyl glycidyl ether	4016-14-2	1,710	570
871	Pentaethylene hexamine	4067-16-7	75.6	25.2
872	Isophorone diisocyanate	4098-71-9	0.33	0.11
873	Dichlorosilane	4109-96-0	3.6	1.2
874	Propylene glycol phenyl ether	4169-04-4	2,232	744
875	Crotonaldehyde	4170-30-3	10.8	3.6
876	Ethylene glycol butyl vinyl ether	4223-11-4	1,128	376
877	Ethylene glycol butyl ethyl ether	4413-13-2	228	76
878	Butoxyl	4435-53-4	42	14
879	Ethylene glycol monoisobutyl ether	4439-24-1	924	308
880	Pentyl perbenzoate, t-	4511-39-1	18	6

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
881	Methyl glutaronitrile	4553-62-2	96	32
882	t-Butylaminoethanol	4620-70-6	15	5
883	3-Pentenenitrile	4635-87-4	84	28
884	Paraquat	4685-14-7	0.72	0.24
885	1,5,9-Cyclododecatriene	4904-61-4	1,560	520
886	4-Phenylcyclohexene	4994-16-5	99	33
887	4-(Diglycidylamino)phenyl glycidyl ether	5026-74-4	4.2	1.4
888	Dicyclohexylmethane-4,4 - diisocyanate	5124-30-1	0.66	0.22
889	Ethyltrimethoxysilane	5314-55-6	9	3
890	3-Methoxypropylamine	5332-73-0	219	73
891	4,4-Dimethoxy-2-butanone	5436-21-5	60	20
892	2,6-Difluoroaniline	5509-65-9	6	2
893	Acrylic acid, isobornyl ester	5888-33-5	42	14
894	d-Limonene	5989-27-5	1,875	625
895	Diquat dibromide monohydrate	6385-62-2	0.72	0.24
896	1,2-Propanediol, dinitrate	6423-43-4	2.43	0.81

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
897	Triisopropyl phosphine	6476-36-4	4.8	1.6
898	Ammonium nitrate	6484-52-2	12	4
899	Thallium carbonate	6533-73-9	0.81	0.27
900	3,4-Dichlorobenzonitrile	6574-99-8	6	2
901	Sodium metasilicate	6834-92-0	60	20
902	Cyclohexyl-2-pyrrolidone	6837-24-7	96	32
903	Diphenyldimethoxysilane	6843-66-9	120	40
904	2,2,4-Trimethylpentanediol-1,3-diisobutyrate	6846-50-0	318	106
905	Malic acid	6915-15-7	15	5
906	Monocrotophos	6923-22-4	0.36	0.12
907	Cyclohexenylacetonitrile	6975-71-9	10.5	3.5
908	Chlorophenyl phenyl ethers	7005-72-3	6	2
909	Ethyl 2-cyanoacrylate	7085-85-0	12	4
910	Toluenesulfonic acid (all isomers)	7144-37-8	24	8
911	Butyl glycolate	7397-62-8	324	108
912	1,3-Dichloro-2-butene	7415-31-8	72	24

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
913	Aluminum	7429-90-5	14.4	4.8
914	Magnesium	7439-95-4	0.6	0.2
915	Potassium	7440-09-7	24	8
916	Rhodium (insoluble compounds)	7440-16-6	1.2	0.4
917	Rubidium	7440-17-7	30	10
918	Silicon	7440-21-3	60	20
919	Tantalum	7440-25-7	36	12
920	Thallium	7440-28-0	0.72	0.24
921	Tungsten (insoluble compounds)	7440-33-7	60	20
922	Tungsten (soluble compounds)	7440-33-7	12	4
923	Cerium	7440-45-1	18	6
924	Germanium	7440-56-4	96	32
925	Hafnium	7440-58-6	3.6	1.2
926	Yttrium	7440-65-5	7.2	2.4
927	Zirconium (and compounds)	7440-67-7	60	20
928	Indium (and compounds)	7440-74-6	1.2	0.4

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
929	Sulfur trioxide	7446-11-9	12	4
930	Dithallium sulfate	7446-18-6	0.9	0.3
931	Aluminum chloride	7446-70-0	45	15
932	Ethylene glycol diallyl ether	7529-27-3	108	36
933	Allyl succinic anhydride	7539-12-0	7.2	2.4
934	Titanium tetrachloride	7550-45-0	12	4
935	Iodine	7553-56-2	1.2	0.4
936	Disodium phosphate	7558-79-4	60	20
937	Monosodium phosphate	7558-80-7	150	50
938	Dichloroacetylene	7572-29-4	0.48	0.16
939	Trisodium phosphate	7601-54-9	60	20
940	Perchloryl fluoride	7616-94-6	1.08	0.36
941	Silica	7631-86-9	9	3
942	Sodium nitrite	7632-00-0	30	10
943	Sodium bromide	7647-15-6	420	140
944	Sodium hypochlorite	7681-52-9	18	6

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
945	Sodium metabisulfite	7681-57-4	36	12
946	Tetramethyldivinylidisilazane	7691-02-3	90	30
947	Sulfur	7704-34-9	60	20
948	Thionyl chloride	7719-09-7	60	20
949	Phosphorus trichloride	7719-12-2	7.8	2.6
950	Sodium pyrophosphate	7722-88-5	36	12
951	Phosphorus, white	7723-14-0	1.05	0.35
952	Potassium persulfate	7727-21-1	1.02	0.34
953	Ammonium persulfate	7727-54-0	0.84	0.28
954	Sodium sulfate	7757-82-6	60	20
955	Potassium iodate	7758-05-6	3	1
956	Sodium thiosulfate	7772-98-7	60	20
957	Ammonium sulfamate	7773-06-0	60	20
958	Sodium persulfate	7775-27-1	1.5	0.5
959	Calcium sulfate	7778-18-9	60	20
960	Graphite	7782-42-5	14.4	4.8

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
961	Germanium tetrahydride	7782-65-2	7.2	2.4
962	Hydrazoic acid	7782-79-8	2.16	0.72
963	Selenious acid	7783-00-8	2.4	0.8
964	Ammonium sulfate	7783-20-2	60	20
965	2-Methyloctanal	7786-29-0	1,800	600
966	Magnesium chloride	7786-30-3	15	5
967	Bromine pentafluoride	7789-30-2	5.1	1.7
968	Calcium bromide	7789-41-5	120	40
969	Silicon tetrabromide	7789-66-4	30	10
970	Chlorine trifluoride	7790-91-2	0.33	0.11
971	Chlorosulfonic acid	7790-94-5	1.2	0.4
972	Thallium chloride	7791-12-0	0.84	0.28
973	Sulfuryl chloride	7791-25-5	48	16
974	Ethylene glycol mono-sec-butyl ether	7795-91-7	432	144
975	Hydroxylamine	7803-49-8	24	8
976	Silane	7803-62-5	84	28

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
977	Ammonium bisulfate	7803-63-6	144	48
978	Creosote	8001-58-9	1.2	0.4
979	Castor oil	8001-79-4	111	37
980	Petroleum oil	8002-05-9	4,200	1,400
981	Yarmor pine oil	8002-09-3	30	10
982	Tall oil	8002-26-4	120	40
983	Paraffin wax fume	8002-74-2	24	8
984	Pyrethrum	8003-34-7	36	12
985	Gasoline	8006-61-9	4,200	1,400
986	Turpentine	8006-64-2	1,344	448
987	Mineral oil	8012-95-1	60	20
988	Soybean oil epoxide	8013-07-8	120	40
989	Oleum	8014-95-7	3	1
990	Deodorized kerosene	8020-83-5	72	24
991	Methyl demeton	8022-00-2	3.6	1.2
992	White mineral oil	8042-47-5	111	37

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
993	Colophony	8050-09-7	1.2	0.4
994	Asphalt	8052-42-4	3.6	1.2
995	Demeton	8065-48-3	0.36	0.12
996	Polyvinyl chloride	9002-86-2	15	5
997	Polyethylene	9002-88-4	120	40
998	Polyoxyethylene lauryl ether	9002-92-0	36	12
999	Polyethylene glycol mono(octylphenyl) ether	9002-93-1	0.45	0.15
1000	Polyacrylic acid	9003-01-4	3	1
1001	Polypropylene	9003-07-0	60	20
1002	Acetic acid, vinyl ester, polymer	9003-20-7	120	40
1003	Acetic acid ethenyl ester, polymer w/ chloroethene	9003-22-9	150	50
1004	Polyisobutylene	9003-27-4	600	200
1005	Phenol, polymer w/ formaldehyde	9003-35-4	36	12
1006	Polyvinyl pyrrolidone	9003-39-8	12	4
1007	Polystyrene	9003-53-6	120	40
1008	Carboxymethyl cellulose	9004-32-4	900	300

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1009	Cellulose	9004-34-6	60	20
1010	Cellulose acetate	9004-35-7	120	40
1011	Cellulose acetate butyrate	9004-36-8	120	40
1012	Dextrin	9004-53-9	120	40
1013	Ethylhydroxyethyl cellulose	9004-58-4	111	37
1014	Polyethylene glycol methyl ether	9004-74-4	39	13
1015	Polyethylene glycol monooleate	9004-96-0	240	80
1016	Starch	9005-25-8	60	20
1017	Rubber, natural	9006-04-6	60	20
1018	Polyurethane	9009-54-5	24	8
1019	Polymethyl methacrylate	9011-14-7	60	20
1020	Tetramethyl decyndiol	9014-85-1	264	88
1021	Polyethylene glycol nonylphenyl ether	9016-45-9	54	18
1022	Diaminopolypropylene glycol	9046-10-0	216	72
1023	Nonyl phenol propoxylate	9064-15-7	72	24
1024	Sulfur monochloride	10025-67-9	7.2	2.4

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels ($\mu\text{g}/\text{m}^3$)	
			1/2-Hour Average	24-Hour Average
1025	Trichlorosilane	10025-78-2	24	8
1026	Silicon tetrachloride	10026-04-7	24	8
1027	Hydrogen iodide	10034-85-2	18	6
1028	Calcium chloride	10043-52-4	60	20
1029	Plaster of Paris, respirable	10101-41-4	60	20
1030	Thallium nitrate	10102-45-1	0.93	0.31
1031	Ethylene glycol mono-2-methylpentyl ether	10137-96-9	132	44
1032	Diethylene glycol ethyl vinyl ether	10143-53-0	864	288
1033	Diethylene glycol mono-2-methyl pentyl ether	10143-56-3	312	104
1034	Propylene glycol mono-n-butyl ether	10215-33-5	876	292
1035	2-Ethyl-2-oxazoline	10431-98-8	15.9	5.3
1036	Tetrachloropicolinic acid	10469-09-7	6.3	2.1
1037	Carbendazim	10605-21-7	0.72	0.24
1038	Dichlorobutylene	11069-19-5	2.4	0.8
1039	Mica	12001-26-2	21.3	7.1
1040	Thallium selenite	12039-52-0	16.2	5.4

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1041	Tungsten carbide	12070-12-1	63.9	21.3
1042	Ammonium bromide	12124-97-9	72	24
1043	Sodium monoxide	12401-86-4	15	5
1044	Cyhexatin	13121-70-5	36	12
1045	Gypsum	13397-24-5	72	24
1046	Peroxydisulfuric acid	13445-49-3	1.2	0.4
1047	Ammonium nitrite	13446-48-5	6	2
1048	Iron pentacarbonyl	13463-40-6	9.6	3.2
1049	Silicon tetraiodide	13465-84-4	4.8	1.6
1050	Carene, delta	13466-78-9	1,344	448
1051	Phosphorous acid	13598-36-2	12	4
1052	Deuterium sulfate	13813-19-9	3	1
1053	Enflurane	13838-16-9	1,800	600
1054	sec-Butylamine	13952-84-6	15	5
1055	Potassium dicyanoaurate	13967-50-5	150	50
1056	Wollastonite	13983-17-0	60	20

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1057	Potassium gold(III) cyanide	14263-59-3	150	50
1058	Iron, tris(dimethyldithiocarbamate)-	14484-64-1	60	20
1059	beta-Ethoxypropionitrile	14631-45-9	240	80
1060	Dimethylethoxysilane	14857-34-2	15	5
1061	Chlorite	14998-27-7	3.6	1.2
1062	Trimethylol propane triacrylate	15625-89-5	12	4
1063	Dipropylene glycol monoethyl ether	15764-24-6	2,640	880
1064	Ethylidenenorbornene	16219-75-3	84	28
1065	N-Propylethanolamine	16369-21-4	84	28
1066	Sodium hydrosulfide	16721-80-5	16.8	5.6
1067	Methomyl	16752-77-5	18	6
1068	Methyldimethoxysilane	16881-77-9	276	92
1069	Methyl chloropropionate	17639-93-9	18	6
1070	Benomyl	17804-35-2	60	20
1071	Tetraethylene glycol diacrylate	17831-71-9	12	4
1072	2,6-Difluorobenzamide	18063-03-1	33	11

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1073	1,1,3,3-Tetramethoxy-1,3-dimethyldisiloxane	18186-97-5	42	14
1074	Ethyl-2-methylallylamine	18328-90-0	60	20
1075	Isobutyltrimethoxysilane	18395-30-7	60	20
1076	Diethylene glycol monoisobutyl ether	18912-80-6	1,596	532
1077	2-Ethoxypropanol	19089-47-5	69	23
1078	Perfluorobutylethylene	19430-93-4	1,020	340
1079	Methylene bis(4,4 -cyclohexylamine)	19900-65-3	120	40
1080	Hexanitrostilbene	20062-22-0	24	8
1081	Tripropylene glycol methyl ether	20324-33-8	30	10
1082	Furanone	20825-71-2	72	24
1083	Metribuzin	21087-64-9	36	12
1084	Cesium hydroxide	21351-79-1	14.4	4.8
1085	Fenamiphos	22224-92-6	0.6	0.2
1086	Benzoin isobutyl ether	22499-12-3	120	40
1087	Propylene glycol isobutyl ether	23436-19-3	3,000	1,000
1088	Aluminum nitride	24304-00-5	0.09*	0.03*

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1089	Methyl ethyl aniline	24549-06-2	120	40
1090	Tripropylene glycol	24800-44-0	30	10
1091	Polyoxyethylene tridecyl ether	24938-91-8	21	7
1092	Polyethylene glycol dimethyl ether	24991-55-7	444	148
1093	Vinyl toluene	25013-15-4	1,740	580
1094	Nonylphenol (mixed isomers)	25154-52-3	48	16
1095	Dodecyl benzene sulfonic acid	25155-30-0	120	40
1096	Dimethylpiperazine	25155-35-5	516	172
1097	1-Butene	25167-67-3	192	64
1098	Tetrachlorophenols	25167-83-3	6	2
1099	Di-t-amyl phenol	25231-47-4	84	28
1100	Dipropylene glycol	25265-71-8	444	148
1101	Propionic acid, 2-methyl-, monoester w/ 2,2,4-trimethyl-1,3-pentanediol	25265-77-4	165	55
1102	Diisopropylbenzene (all isomers)	25321-09-9	165	55
1103	2,4-/2,6-Dinitrotoluene mixture	25321-14-6	0.18*	0.06*
1104	Polyethylene glycol	25322-68-3	120	40

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1105	Polypropylene glycol	25322-69-4	120	40
1106	Heptene	25339-56-4	19.2	6.4
1107	Diethylbenzenes (mixed isomer)	25340-17-4	18	6
1108	Dodecenylsuccinic anhydride	25377-73-5	48	16
1109	Tripropylene glycol methyl ether	25498-49-1	33	11
1110	Ethyl toluene	25550-14-5	1,500	500
1111	2,6-Dinitrophenol	25550-58-7	0.36	0.12
1112	Naphthalene diisocyanate	25551-28-4	0.48	0.16
1113	Methyl cyclohexanol	25639-42-3	1,680	560
1114	Polyoxypropylene	25791-96-2	444	148
1115	Polydimethyl diallyl ammonium chloride	26062-79-3	3,000	1,000
1116	Terphenyls	26140-60-3	60	20
1117	Tris(chloropropyl)phosphate	26248-87-3	150	50
1118	Cresyl glycidyl ether	26447-14-3	36	12
1119	1,1 -Methylene bisisocyanatobenzene	26447-40-5	1.8	0.6
1120	Methylcyclopentadiene	26519-91-5	1,440	480

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1121	Tris(nonylphenol)phosphite	26523-78-4	3.6	1.2
1122	Octylisothiazolone	26530-20-1	6	2
1123	Tetrapropenylsuccinic anhydride	26544-38-7	48	16
1124	Sodium azide	26628-22-8	2.4	0.8
1125	Diisodecyl ester phthalate	26761-40-0	36	12
1126	Poly(1,2-dihydro-2,2,4-trimethylquinoline)	26780-96-1	105	35
1127	Isooctanol	26952-21-6	3,192	1,064
1128	Octyl phenol	27193-28-8	24	8
1129	Dodecyl phenol	27193-86-8	1,440	480
1130	t-Butyl catechol	27213-78-1	42	14
1131	Ethylhexyl nitrate	27247-96-7	1,260	420
1132	Polyethylene glycol monoallyl ether	27274-31-3	18	6
1133	Diisooctylphthalate	27554-26-3	36	12
1134	Hydroxypropyl methacrylate	27813-02-1	300	100
1135	Tris(hydroxyphenyl) ethane	27955-94-8	72	24
1136	Diisononyl phthalate	28553-12-0	60	20

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1137	Triacrylate ester	28961-43-5	12	4
1138	Biphenyl phenyl ether	28984-89-6	120	40
1139	Anisidine	29191-52-4	3.6	1.2
1140	Propylene glycol, n-butyl ether	29387-86-8	210	70
1141	Dipropylene glycol monopropyl ether	29911-27-1	15	5
1142	Dipropylene glycol monobutyl ether	29911-28-2	33	11
1143	Isodecyl methacrylate	29964-84-9	960	320
1144	Cyclooctadiene	29965-97-7	240	80
1145	Vinylbenzylchloride	30030-25-2	6	2
1146	Paraformaldehyde	30525-89-4	72	24
1147	Methylcyclohexadiene	30640-46-1	1,170	390
1148	Chlorinated diphenyl oxide	31242-93-0	3.6	1.2
1149	4-Hydroxyacetophenone oxime	34523-34-7	150	50
1150	Dipropylene glycol methyl ether	34590-94-8	4,200	1,400
1151	Ethylene bisdithiocarbamates	34731-32-3	6	2
1152	Sulprofos	35400-43-2	7.2	2.4

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1153	Gold cyanide	37187-64-7	15	5
1154	Epoxide 8	39390-62-0	96	32
1155	Dialkyl phthalates	39393-37-8	36	12
1156	Hexadiene	42296-74-2	2,040	680
1157	Isopropanolamine dodecylbenzene sulfonate	42504-46-1	24	8
1158	Methyl methacrylate, polymer w/ n-butyl acrylate, styrene, and 2-hydroxyethyl 2-propenoate	42767-92-0	48	16
1159	Tripropylene glycol diacrylate	42978-66-5	66	22
1160	Methylvinylbis(N-methylacetamido)silane	50791-87-2	12	4
1161	Propanol, 1(or 2)-ethoxy-	52125-53-8	69	23
1162	Silicon nitride	53095-88-8	120	40
1163	Epoxide 7	55838-67-0	96	32
1164	Tripropylene glycol n-butyl ether	55934-93-5	34.8	11.6
1165	Propylene glycol t-butyl ether	57018-52-7	876	292
1166	Hexanedioic acid, ester with 2,2 -oxybis(ethanol)	58984-19-3	444	148
1167	Ethyl thioacetate	59094-77-8	9	3
1168	Propyne, mixed with propadiene	59355-75-8	11,700	3,900

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1169	Silica, amorphous, fused	60676-86-0	0.72	0.24
1170	Bisnoralcohol	60966-36-1	5.1	1.7
1171	Hydrogenated terphenyl	61788-32-7	36	12
1172	Octyl epoxy tallate	61789-01-3	1,200	400
1173	Silica, amorphous, diatomaceous earth, uncalcined (containing <1% crystalline silica)	61790-53-2	21.3	7.1
1174	Tallow diamine	61791-55-7	120	40
1175	1,1 -Biphenyl, phenoxy-, mixt. with 1,1 -oxybis(benene)	62587-63-7	24	8
1176	Poly(methylhydrosiloxane)	63148-57-2	90	30
1177	Siloxanes and Silicones, di-Me	63148-62-9	42	14
1178	Terlon	63148-69-6	120	40
1179	Aromatic hydrocarbons	63231-51-6	30	10
1180	Chlorinated paraffins	63449-39-8	0.45	0.15
1181	Anhydro-dimethylamino hexose reductone	63937-30-4	1.8	0.6
1182	Tri(isobutenyl)succinic anhydride	63979-83-9	12	4
1183	3,4-Difluorobenzonitrile	64248-62-0	1.8	0.6
1184	Trimethylolpropane, tris(3-(2-methylaziridiny)propanoate	64265-57-2	30	10

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1185	Mineral spirits	64475-85-0	7,800	2,600
1186	Thiazole ester	64485-82-1	51	17
1187	Naphtha, petroleum, full range straight run	64741-42-0	54	18
1188	Distillates, petroleum, Straight run middle	64741-44-2	108	36
1189	Naphtha, petroleum, heavy catalytic cracked	64741-54-4	345	115
1190	Naphtha, petroleum, light catalytic cracked	64741-55-5	16,800	5,600
1191	Residues, petroleum, vacuum	64741-56-6	48	16
1192	Distillates, (petroleum), light catalytic cracked	64741-59-9	27.9	9.3
1193	Clarified oils, petroleum, catalytic cracked	64741-62-4	36	12
1194	Naphtha, petroleum, light catalytic reformed	64741-63-5	300	100
1195	Naphtha, full range alkylate	64741-64-6	771.9	257.3
1196	Naphtha, petroleum, heavy catalytic reformed	64741-68-0	210	70
1197	Distillates, petroleum, sweetened middle	64741-86-2	6	2
1198	Distillates, petroleum, solvent refined heavy paraffinic	64741-88-4	11.04	3.68
1199	Distillates, petroleum, solvent-refined light paraffinic	64741-89-5	60	20
1200	Extracts, petroleum, middle distillate solvent	64742-06-9	0.6	0.2

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1201	Distillates, petroleum, acid treated	64742-14-9	72	24
1202	Distillates, petroleum, chemically neutralized middle	64742-30-9	6	2
1203	Distillates, petroleum, hydrotreated middle	64742-46-7	6	2
1204	Distillates, petroleum, hydrotreated light	64742-47-8	72	24
1205	Naphtha, petroleum, hydrotreated light	64742-49-0	771.9	257.3
1206	Distillates, petroleum, hydrotreated heavy naphthenic	64742-52-5	48	16
1207	Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	48	16
1208	Distillates, petroleum, hydrotreated heavy paraffinic	64742-54-7	111	37
1209	Distillate, petroleum, hydrotreated light paraffinic	64742-55-8	11.04	3.68
1210	Residual oils, petroleum, solvent-dewaxed	64742-62-7	11.04	3.68
1211	Distillates, petroleum, dewaxed heavy paraffinic	64742-65-0	111	37
1212	Distillates, petroleum, hydrodesulfurized middle	64742-80-9	6	2
1213	Kerosine, petroleum, hydrodesulfurized	64742-81-0	6	2
1214	Naphtha, petroleum, heavy aromatic solvent	64742-94-5	3,072	1,024
1215	Naphtha, petroleum, light aromatic solvent	64742-95-6	915	305
1216	Naphtha, petroleum, heavy aliphatic solvent	64742-96-7	72	24

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1217	4-Piperidinecarboxylic acid, 4-hydroxy-2,2,6,6-tetramethyl-	65402-65-5	1.2	0.4
1218	Pitch, coal tar, high-temp.	65996-93-2	0.6	0.2
1219	Silicate, portland cement	65997-15-1	60	20
1220	Fatty acids, C8-18 and C-18 unsatd, sodium salts	67701-10-4	18	6
1221	Fatty acids, C14-18 and C16-18 unsatd, sodium salts	67701-11-5	18	6
1222	Alkenyl succinic anhydride	67762-77-0	28.8	9.6
1223	Distillates, petroleum, heavy aromatic	67891-79-6	307.2	102.4
1224	Alcohols, C11-15-secondary, ethoxylated	68131-40-8	870	290
1225	Diesel fuel	68334-30-5	210	70
1226	Pyridines, alkyl derivs.	68391-11-7	180	60
1227	Distillates, petroleum, crude oil	68410-00-4	57	19
1228	Raffinates, petroleum, catalytic reformer ethylene glycol-water countercurrent exts.	68410-71-9	4,200	1,400
1229	Petroleum sulfonate	68425-94-5	60	20
1230	Slags, coal	68476-96-0	6	2
1231	Fuel oil No. 2	68476-30-2	1,200	400
1232	Petroleum gases, liquified	68476-85-7	12,900	4,300

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1233	Distillates, petroleum, catalytic reformer fractionator residue, low-boiling	68477-31-6	39	13
1234	Petroleum products, hydrofiner-powerformer reformates	68514-79-4	240	80
1235	Tridecanol	68526-86-3	6	2
1236	Isoparaffin, C10-13	68551-17-7	7,800	2,600
1237	3,5-Dichloro-alpha-methylstyrene	68575-36-0	48	16
1238	Alkyl phenol, C-20	68784-24-7	138	46
1239	Melamineformaldehyde	68891-01-0	0.9	0.3
1240	Silica amorphous diatomaceous earth (uncalcined)	68895-54-9	1.2	0.4
1241	Natural gas condensate	68909-19-3	2,160	720
1242	Naphtha, petroleum, catalytic reformed	68955-35-1	1,050	350
1243	Primene	68955-53-3	48	16
1244	Hydrocarbons, terpene processing by-products	68956-56-9	134.4	44.8
1245	Vegetable oil mists, respirable	68956-68-3	60	20
1246	Benzene, ethylenated, residues	68987-42-8	1.8	0.6
1247	Silica amorphous fume	69012-64-2	24	8
1248	Butadiene homopolymer	69102-90-5	0.42	0.14

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1249	Cyclosiloxanes, di-Me	69430-24-6	90	30
1250	Alcohols, C6-8 branched	70914-20-4	39	13
1251	2-sec-Butyl-6-ethylaniline	71758-10-6	12	4
1252	Sulfometuron methyl	74222-97-2	36	12
1253	Alcohols, C12-13	75782-86-4	9.3	3.1
1254	Steel	77650-28-3	1,200	400
1255	Dowtherm LF	81544-18-5	15.6	5.2
1256	2-(2-(2-Dimethylamino ethoxy)-ethylmethylamino)-ethanol	83016-70-0	25.2	8.4
1257	Gasoline	86290-81-5	6,300	2,100
1258	Perfluoro compounds, C5-18	86508-42-1	24	8
1259	Steric acid, monoester w/ glycerol	86904-15-6	120	40
1260	Dipropylene glycol methyl ether acetate	88917-22-0	9,312	3,104
1261	Alkanes, C9-12-iso-	90622-57-4	384	128
1262	Perlite	93763-70-3	60	20
1263	Dibasic ester	95481-62-2	1.8	0.6
1264	Piperidine, 1-acetyl-4-(3-dodecyl-2,5-dioxo-1-pyrrolidinyl)-2,2,6,6-	106917-31-1	15.6	5.2

Jurisdictional Screening Level (JSL) List
Sorted by CAS #

Number	Chemical Name	CAS Number	Jurisdictional Screening Levels (µg/m ³)	
			1/2-Hour Average	24-Hour Average
1265	Paraffin waxes and hydrocarbon waxes, chlorinated	108171-26-2	0.6	0.2
1266	Acetic acid, C7-9 branched alkyl esters, C8-rich	108419-32-5	330	110
1267	Acetic acid, C8-10 branched alkyl esters, C9-rich	108419-33-6	51	17
1268	Acetic acid, C9-11 branched alkyl esters, C10-rich	108419-34-7	51	17
1269	Dipropylene glycol dimethyl ether	111109-77-4	177	59
1270	Silica, hydrated	112926-00-8	72	24
1271	Silica, amorphous, crystalline free, fumed	112945-52-5	0.36	0.12
1272	3-Chloro-4-fluorobenzonitrile	117482-84-5	6	2
1273	Polyethylene glycol, mono(p-nonylphenyl) ether, branched	127087-87-0	72	24
1274	Hexenylsiloxanes	144669-04-5	4.8	1.6
*Contaminant is identified in Appendix B - Table B-2B "List of Contaminants Excluded from de minimus Level" in the Procedure for Preparing an Emission Summary and Dispersion Modelling Report, and therefore is excluded from the de minimus level of 0.1 µg/m ³ (24-averaging time) or 0.3 µg/m ³ (½-averaging time)				